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**Liu et al.**

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(54) **USING A SNAP BUTTON TO MAKE  
DISCONNECTABLE CONNECTION OF  
ELECTRONIC DEVICES TO FABRICS**

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See application file for complete search history.

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(57) **ABSTRACT**

A disconnectable snap button connection for connecting electronic devices to fabrics, the disconnectable snap button connection and a method for making the same is described herein. The disconnectable snap button connection includes a component, a piece of conductive material, a piece of non-conductive material; wherein the piece of conductive material is attached to the piece of non-conductive material, a male portion of the disconnectable snap button, wherein the male portion of the disconnectable snap button is attached to the component, and a female portion of the disconnectable snap button is attached to the piece of conductive material. When the male portion of the disconnectable snap button is inserted into the female portion of the disconnectable snap button, a connection is made between the component and the piece of conductive material.

**20 Claims, 3 Drawing Sheets**

